

ABSTRACT

A method and apparatus for producing a high-strength and low-shrinkage synthetic flat yarn. After melt spinning, the filaments are combined to a yarn and drawn. Subsequently, the yarn is compressed to form a plug under the influence of heat. This plug is transported over a certain distance, so that the yarn relaxes in a low-tension state and under the influence of the increased temperature. Finally the plug is disentangled under tension to form the flat yarn, which is wound into a package.

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